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PATENT

TRW Docket No. 12-0895

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): David L. Rollins

Serial No.: 09/322,283

Filed: May 28, 1999

Title: Linearized Optical Link Using a Single
Mach Zehnder Modulator and Two Optical Carriers

Group Art

Unit: 2633

Examiner: Sedighian Reza

**Certificate of Facsimile
Transmission**

I hereby certify that this correspondence is
being facsimile transmitted to the Patent and
Trademark Office (FAX No. 703-872-9314) on
this date.

09/04/02 Lynn E. Cabiles
Date Lynn E. Cabiles

**Declaration of David L. Rollins
under 37 CFR 1.131**

Commissioner for Patents
Washington, D.C. 20231

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Technology Center 2600

Dear Sir:

I, David L. Rollins, pursuant to 37 C.F.R. §1.131, declare as follows:

1. I am the sole inventor of the invention in the above-identified patent application.
2. I conceived the invention set forth in the above-identified application while employed at TRW Inc., prior to April 21, 1998, the filing date of Burns U.S. Patent No. 5,917,970, which is prior to the filing dates of Dishman et al. U.S. Patent No. 6,271,953 and Franck et al. U.S. Patent No. 6,188,497 ; which is also prior to the article entitled, "Linearization of a Broadband Analog Optical Link Using Multiple Wavelengths" by Edward Acherman, Technical Digest International Topical Meetings on Microwave Photonics, October 12-14, 1998, Sarnoff Corporation, Princeton, New Jersey, pages 45-47.

3. The issue of conception date and specifically the Acherman article was considered prior to the filing of the above-identified application. Attached is a redacted copy of an internal TRW memorandum dated March 24, 1999 in that regard.
4. The undersigned, being warned that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. §1001) and may jeopardize the validity of the application or any patent issuing thereon, hereby declares that the above statements made of my own knowledge are true and that all statements made on information and belief are believed to be true.

FURTHER DECLARANT SAYETH NOT

Date: _____

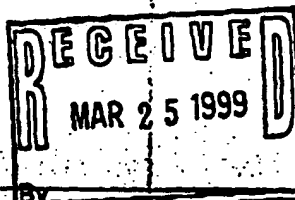
8/9/02



David L. Rollins



024 MUR



TRW

Interoffice Correspondence

Subject:

Re: Conference Paper Related to
TRW Docket No. 12-0895

Date:

March 24, 1999

From:

David Rollins *DR*

To:

Loma L. Schott

cc:

Location/Phone:

03/1270, x29409

While redlining the second draft patent application for my invention (TRW Docket No. 12-0895 "Linearized Optical Link Using a Single Mach-Zehnder Modulator and Two Lasers"), I found a conference paper by Edward Ackerman ("Linearization of a Broadband Analog Optical Link Using Multiple Wavelengths") discussing a similar ideal. The Ackerman paper was presenting at the 1998 International Topical Meeting on Microwave Photonics, October 12-14, 1998, conceived of my invention in December, 1997 and presented it at an internal TRW conference in March, 1998

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